

Alternative Fuel Vehicle Funding Opportunities



Bay Area Air Quality Management District

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www.baaqmd.gov

Overview

- Benefits of AFVs
- AFV Funding Programs
- TFCA
- Other Available Funds
- Summary of Contacts
- Questions



Benefits of Alternative Fuel Vehicles

- Cleaner air
- Reduce water pollution
- Diversify fleets
- Reduce dependence on petroleum
- Help comply with government goals and mandates
- Access to HOV lanes
- Reduce vehicle operating costs



Alternative Fuel Vehicle Funding Programs

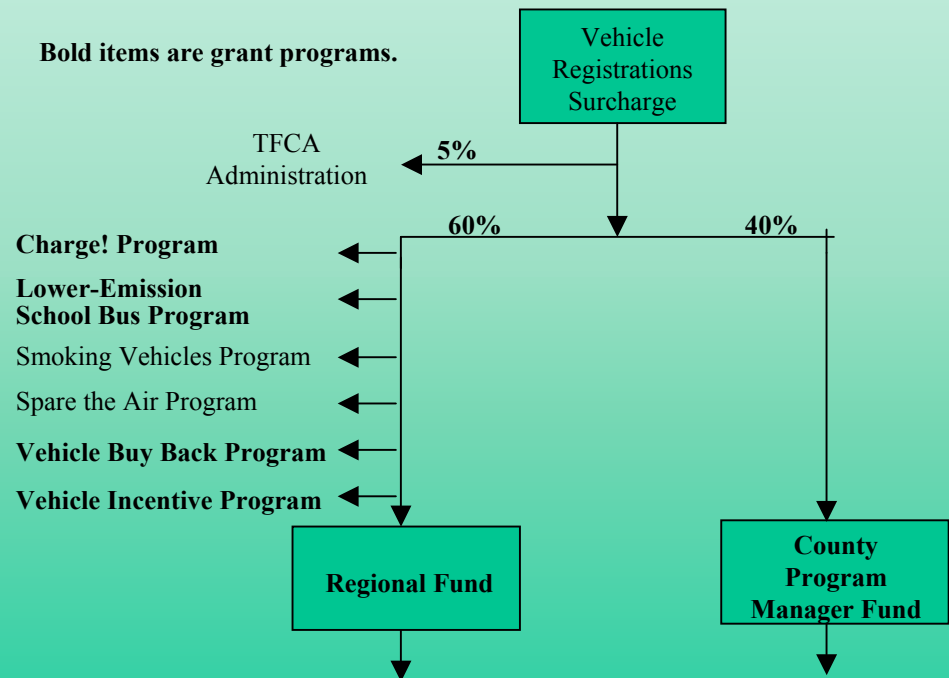
- Light-duty vehicles (10,000 lbs. GVW or less)
 - TFCA (Vehicle Incentive Program)

- Heavy-duty vehicles (10,000 lbs. GVW or more)
 - TFCA
 - Carl Moyer Program

What is TFCA?

Transportation Fund for Clean Air

- Started in 1992
- \$4 vehicle surcharge
- Eligible project types in CA Health and Safety code
- Annual cycle





Transportation Fund for Clean Air

- Regional Fund
- County Program Manager Fund
- Vehicle Incentive Program (VIP)
- Lower Emission School Bus Program



Regional Fund

- Only public agencies in the Air District can apply
- Approximately \$10 million available (in 2003-04 cycle)
- Minimum grant = \$10,000 Maximum grant = \$1,000,000
- Eligible Projects
- Deadline is in June of each year
- Project evaluation
- Recipients are paid on a reimbursement basis
- Reporting requirements
- Audits
- Application and guidance at www.baaqmd.gov



County Program Manager Fund

- Only public agencies in the Air District can apply
- Available funds vary by county
- Program Managers use their own criteria to select projects for funding
- Projects in each county expenditure plan must achieve a cost-effectiveness of \$90,000 per ton or better on an aggregate basis
- Deadline is in May of each year
- Audits and reporting requirements apply
- Contact Congestion Management Agency in appropriate county



Vehicle Incentive Program

- Only public agencies in the Air District can apply
- Light-duty vehicles (less than 10,000 lbs GVW)
- Eligible vehicles
- Applications open in mid September
- First-come first-served basis
- Eligible agencies can request up to \$100,000
- Set incentives to streamline evaluation
- Recipients are paid on a reimbursement basis
- Application and guidance at www.baaqmd.gov



Lower Emission School Bus Program

- Funding for new, alternative fuel buses
 - Open to public school districts
 - Limited funds available
 - School districts must provide matching funds
- Funding for particulate matter (PM) retrofits
 - Open to public school districts, school bussing contractors, and public schools
- First-come, first-served basis
- Recipients are paid on a reimbursement basis
- Application and guidance at www.baaqmd.gov

Natural Gas Projects Funded by TFCA

- Grants to date: \$60.4 million
 - Vehicles: \$54.4 million
 - Infrastructure: \$6 million

- Number of vehicles funded: 1,916
 - Light-duty: 1,001
 - Medium-duty: 265
 - Heavy-duty: 193
 - School buses: 209
 - Transit buses: 176
 - Misc. utility: 72



Carl Moyer Program

- Created in 1998 to achieve near-term reductions in heavy-duty diesel engine emissions
- Jointly administered by California Air Resources Board and Air Districts. Funds provided by CARB
- On-road and off-road equipment are eligible
 - CARB-verified retrofit devices that reduce NOx pollution
 - New diesel engines for existing vehicles
 - New natural gas or dual fuel engines for existing vehicles
 - New natural gas or dual fuel engines for new vehicles
- Public and private entities are eligible. Competitive basis
- Future funding is uncertain



Other Available Funds

- PM10 Retrofit Program
 - Particulate matter (PM) retrofits
 - Cities/Counties/Special Districts

- Vehicle Buy Back
 - District pays \$500 to scrap qualifying 1981 and older vehicles
 - Individuals



Summary of Contacts

Carl Moyer, School Bus & Retrofit programs:

Michael Murphy (415) 749-4644 mmurphy@baaqmd.gov

VIP Program, Bicycle Facility Improvement Projects

David Burch (415) 749-4641 dburch@baaqmd.gov

Shuttles & Feeder Bus Services

Rail-Bus Integration, Regional Transit Information and Rideshare Programs

Andrea Gordon (415) 749-4940 agordon@baaqmd.gov

Heavy-duty Vehicles (including repowers & retrofits), New Bus Purchases
Vehicle Buy Back

Vanessa Mongeon (415) 749-4982 vmongeon@baaqmd.gov

Arterial Management Projects, Smart Growth Projects

Demonstration of Congestion Pricing, Demonstration of Telecommuting

Karen Chi (415) 749-5121 kchi@baaqmd.gov

BAY AREA
AIR QUALITY



TRANSPORTATION
FUND FOR
CLEAN AIR

Questions

